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Atty. Docket No. ALPH.P010X

*PATENT*

**IN THE UNITED STATES PATENT OFFICE**

In Re Patent Application of:	)	
	)	
Gregory C. Burnett	)	Examiner: To be assigned
	)	
Application No. 10/667,207	)	Art Unit: 1775
	)	
Filed: September 18, 2003	)	
	)	
For: VOICE ACTIVITY DETECTOR (VAD)-BASED	)	
MULTIPLE MICROPHONE ACOUSTIC	)	
NOISE SUPPRESSION	)	

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97**

Sir:

Enclosed is an Information Disclosure Citation Form PTO/SB/08. Also enclosed are copies of all references that are not U.S. Patent references. It is respectfully requested that all cited references be considered and that a copy of the enclosed Form PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to Applicant.

Pursuant to 37 CFR 1.97(h), the submission of this Information Disclosure Statement is not to be construed as an admission that the information cited in this statement is material to patentability.

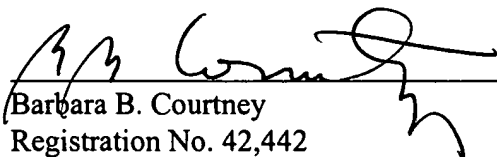
This Information Disclosure Statement is being submitted pursuant to 37 CFR 1.97(b)(3) before the mailing of a first office action on the merits.

The Commissioner is hereby authorized to charge any fees which may be required in connection with this submission to Deposit Account No. 501914.

Respectfully submitted,

SHEMWELL GREGORY & COURTNEY LLP

Dated: November 4, 2004

  
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Barbara B. Courtney  
Registration No. 42,442



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/667,207
Filing Date	09/18/2003
First Named Inventor	Gregory C. Burnett
Art Unit	1775
Examiner Name	Not yet assigned
Attorney Docket Number	ALPH.P010X

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 2002/039425 A1	04-04-2002	Burnett et al.	
		US- 3,789,166	01-29-1974	Sebesta	
		US- 4,006,318	02-01-1977	Sebesta et al.	
		US- 4,591,668	05-27-1986	Iwata	
		US- 4,901,354	02-13-1990	Gollmar et al.	
		US- 5,097,515	03-17-2002	Baba	
		US- 5,515,865	05-14-1996	Scanlon et al.	
		US- 5,684,460	11-04-1997	Scanlon et al.	
		US- 5,729,694	03-17-1998	Holzrichter et al.	
		US- 5,853,005	12-29-1998	Scanlon	
		US- 6,069,963	05-30-2000	Martin et al.	
		US-			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		EP 0 637 187 A ✓	02-01-1995	Pan Communicati		
		EP 0 795 851 A2 ✓	09-17-1997	Tokyo Shibaura		
		EP 0 984 660 A2 ✓	03-08-2000	Nippon T&T Corp		
		JP 2000 312 395 ✓	11-07-2000	Alpine Electron		
		JP 2001 189 987 ✓	07-10-2001	Pioneer Electro		
		WO 02 07151 ✓	01-24-2002	ALIPHCOM, Inc.		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8

I hereby certify that the following correspondence is being deposited with the United States Postal Service with sufficient postage and addressed to MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450 on the date below by:

Barbara B. Courtney

(Name of person transmitting correspondence)

November 4, 2004

Date

Serial/Patent No.: 10/667,207 Filing/Issue Date: September 18, 2003 Client: ALIPH, Inc.

Title: Voice Activity Detector (VAD)-Based Multiple Microphone Acoustic Noise Suppression

Atty. Docket No.: ALPH.P010X

Date Mailed: November 4, 2004

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- |   |   |
|---|---|
| <input type="checkbox"/> Amendment/Response ( pgs.)                         | <input type="checkbox"/> Petition for Extension of Time ( month(s))               |
| <input type="checkbox"/> Preliminary Amendment ( pgs.)                      | <input checked="" type="checkbox"/> Information Disclosure Statement & PTO/SB/08A |
| <input type="checkbox"/> Application - Utility ( pgs.)                      | <input checked="" type="checkbox"/> Information Disclosure Statement Transmittal  |
| <input type="checkbox"/> Application - Rule 1.53(b) Contin. ( pgs.)         | <input type="checkbox"/> Submission of Formal Drawings                            |
| <input type="checkbox"/> Application - Rule 1.53(b) Divis. ( pgs.)          | <input type="checkbox"/> Notice of Appeal   |
| <input type="checkbox"/> Application - Rule 1.53(b) CIP ( pgs.)             | <input type="checkbox"/> Appeal Brief ( pgs. in triplicate)                       |
| <input type="checkbox"/> Application - Rule 1.53(d) CPA ( pgs.)             | <input type="checkbox"/> Reply Brief  |
| <input type="checkbox"/> Application - PCT ( pgs.)                          | <input type="checkbox"/> Response to Notice of Missing Parts                      |
| <input type="checkbox"/> Application - Provisional ( pgs.)                  | <input type="checkbox"/> Utility Patent Application Transmittal                   |
| <input type="checkbox"/> Drawings ( sheets)                                 | <input type="checkbox"/> Fee Transmittal (in duplicate)                           |
| <input type="checkbox"/> Declaration & POA ( pgs.)                          | <input checked="" type="checkbox"/> Itemized Postcard                             |
| <input type="checkbox"/> Assignment & Cover Sheet ( pgs.)                   | <input checked="" type="checkbox"/> First Class Mail Certificate Of Mailing       |
| <input type="checkbox"/> Power of Attorney                                  | <input type="checkbox"/> Express Mail No. _____                                   |
| <input type="checkbox"/> Nonpublication Request (35 USC 122(b))             | <input type="checkbox"/> Check No. _____ Amt \$ _____                             |
| <input checked="" type="checkbox"/> Other <u>Seven (7) cited references</u> |   |